

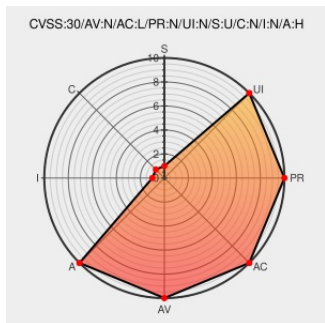


CVE-2017-14646

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CVE-2017-14646

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Bento4](#) from [Axiosys](#) contain the following vulnerability:

The AP4_AvccAtom and AP4_HvccAtom classes in Bento4 version 1.5.0-617 do not properly validate data sizes, leading to a heap-based buffer over-read and application crash in AP4_DataBuffer::SetData in Core/Ap4DataBuffer.cpp.

CVE-2017-14646 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
bento4: heap-based buffer overflow in AP4_DataBuffer::SetData (Ap4DataBuffer.cpp) agostino's blog	Exploit Issue Tracking Patch Third Party Advisory VDB Entry	MISC blogs.gentoo.org/ago/2017/09/14/bento4-heap-based-buffer-overflow-in-ap4_databuffersetdata-ap4databuffer-cpp/

blogs.gentoo.org
[text/html](#)

fix for #188 · axiomatic-
systems/Bento4@53499d8 · GitHub

[Patch](#)
[Third Party Advisory](#)
[github.com](#)
[text/html](#)

 MISC [github.com/axiomatic-
systems/Bento4/commit/53499d8d4c69142137c7c7f0097a444783fdeb90](https://github.com/axiomatic-systems/Bento4/commit/53499d8d4c69142137c7c7f0097a444783fdeb90)

heap-based buffer overflow in
AP4_DataBuffer::SetData
(Ap4DataBuffer.cpp) · Issue #188 ·
axiomatic-systems/Bento4 · GitHub

[Exploit](#)
[Third Party Advisory](#)
[github.com](#)
[text/html](#)

 MISC github.com/axiomatic-systems/Bento4/issues/188

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Axiosys	Bento4	1.5.0-617	All	All	All
Application	Axiosys	Bento4	1.5.0-617	All	All	All
cpe:2.3:a:axiosys:bento4:1.5.0-617:*****						
cpe:2.3:a:axiosys:bento4:1.5.0-617:*****						

No vendor comments have been submitted for this CVE

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